

## AUTHOR INDEX

- Ajose, Sunday A. Problems, Patterns, and Recreations. Oct., 516-19.
- Allen, William E., and Arthur A. Hiatt. An Active Approach to Geometry. Dec., 702-3.
- Andersen, Edwin D., and Jim Nelson. An Introduction to the Concept of Slope. Jan., 27-30, 37-41.
- Anderson, Mark, Nancy Norem Powell, and Stanley Winterroth. Reflections on Miniature Golf. Oct., 490-95.
- Artzt, Alice F. Integrating Writing and Cooperative Learning in the Mathematics Class. Feb., 80-85.
- Asturias, Harold. Using Students' Portfolios to Assess Mathematical Understanding. Dec., 698-701.
- Ballew, Hunter. Sherlock Holmes, Master Problem Solver. Nov., 596-601.
- Bell, Max S. What Does "Everyman" Really Need from School Mathematics? Oct., 546-51.
- Berndes, Barry A., and James R. Rahn. Using Logarithms to Explore Power and Exponential Function. Mar., 161-70. *See also* Oct., 553.
- Boyes, G. R. Trigonometry for Non-Trigonometry Students. May, 372-75.
- Brandell, Joseph L. Helping Students Write Paragraph Proofs in Geometry. Oct., 498-502.
- Brunner, Carl E., and Regina Baron Brunner. How Much Does Camouflage Help? Dec., 676-81.
- Brunner, Regina Baron, and Carl E. Brunner. How Much Does Camouflage Help? Dec., 676-81.
- Buckhiester, Philip G. Probability, Problem Formulation, and Two-Player Games. Mar., 154-59.
- Callahan, Walter. Teaching Middle School Students with Diverse Cultural Backgrounds. Feb., 122-26.
- Casey, James. Using a Surface Triangle to Explore Curvature. Feb., 69-77.
- Choppin, Jeffrey M. Spiral through Recursion. Oct., 504-8. *See also* Oct., 488.
- Clarke, Doug, and Linda Wilson. Valuing What We See. Oct., 542-45.
- Clason, Robert G., and William A. Miller. Golden Triangles, Pentagons, and Pentagrams. May, 338-44, 350-53.
- Coes III, Loring. The Functions of a Toy Balloon. Nov., 619-22, 628-29.
- Craine, Timothy V. Counting Embedded Figures. Oct., 524-28, 538-41.
- Cunningham, Robert F. What Manufacturers Say about a Max/Min Application. Mar., 172-75.
- Cuoco, Albert A., E. Paul Goldenberg, and June Mark. A Potpourri. Oct., 566-69.
- . Technology in Perspective. Sept., 450-52.
- Dick, Thomas P., and Penelope H. Dunham. Research on Graphing Calculators. Sept., 440-45.
- Dickey, Edwin M. Join Our Eighty-Six-Year-Old Network. Sept., 394.
- Dunham, Penelope H., and Thomas P. Dick. Research on Graphing Calculators. Sept., 440-45.
- Dutch, Steven I. Folding  $n$ -pointed Stars and Snowflakes. Nov., 630-37.
- Eddins, Susan K., Evelyn Osman Maxwell, and Floramma Stanislaus. Geometric Transformations—Part 1. Mar., 177-81, 187-89.
- . Geometric Transformations—Part 2. Apr., 258-61, 268-70.
- Eisner, Gail A. Using Algebra in an Accounting Practice. Apr., 272-76.
- Fernandez, Maria L., Nelda Hadaway, and James W. Wilson. Problem Solving: Managing It All. Mar., 195-99.
- Ferrini-Mundy, Joan, and Loren Johnson. Recognizing and Recording Reform in Mathematics: New Questions, Many Answers. Mar., 190-93.
- Ferrini-Mundy, Joan, and Darien Lauten. Learning about Calculus Learning. Feb., 115-21.
- Floyd, Jeffrey K. A Discrete Analysis of "Final Jeopardy." May, 328-31.
- Flusser, Peter. More on Apportionment. Oct., 560-64.
- Forringer, Richard. If the Product of Two Numbers Is Zero . . . Feb., 89.
- Gadanidis, George. Deconstructing Constructivism. Feb., 91-97.
- Gates, James D. Report of the Executive Director. Sept., 473.
- Gau, Y. David, and Lindsay A. Tartre. The Sidesplitting Story of the Midpoint Polygon. Apr., 249-56.
- Germain-McCarthy, Yveline. Demystifying Polar Graphing. Dec., 728-35.
- Ginther, John L., and John L. Morgan. The Magic of Mathematics. Mar., 150-53.
- Goldberg, Kenneth P. Using Technology to Understand the Jury Decision-making Process. Feb., 110-14.
- Goldenberg, E. Paul, Albert A. Cuoco, and June Mark. A Potpourri. Oct., 566-69.
- . Technology in Perspective. Sept., 450-52.
- Goldstein, Mary Ann. A Review Game. May, 336-37.
- Greenwood, James. Copy That Homework. Mar., 171-72.
- Grouws, Douglas A. The Evaluation of Teaching: Challenge and Opportunity. Sept., 446-48.
- Hadaway, Nelda, Maria L. Fernandez, and James W. Wilson. Problem Solving: Managing It All. Mar., 195-99.
- Hansen, Will. Using Graphical Misrepresentation to Stimulate Student Interest. Mar., 202-5.
- Hiatt, Arthur A., and William E. Allen. An Active Approach to Geometry. Dec., 702-3.
- Hopley, Ronald B. Nested Platonic Solids: A Class Project in Solid Geometry. May, 312-18.
- Horak, Virginia M. Investigating Absolute-Value Equations with the Graphing Calculator. Jan., 9-11. *See also* Oct., 554-55.
- House, Peggy A. Let the Mathematics-Science Connection Break the Mold in Teacher Preparation. Apr., 289-93.
- . Mathematical Ties That Bind. Dec., 682-89.
- Hoyles, Celia, and Richard Noss. Dynamic Geometry Environments: What's the Point? Dec., 716-17.
- Hudson, Sandra L. Using Lined Paper to Make Discoveries. Apr., 246-47.
- Johnson, Loren, and Joan Ferrini-Mundy. Recognizing and Recording Reform in Mathematics: New Questions, Many Answers. Mar., 190-93.
- Jordan, Janette, and Peggy Tibbs. Career Posters. Sept., 410-11.
- Kalman, Richard. Future Classrooms: A Personal Vision. Oct., 486-87.
- Kincaid, Charlene, Deanna M. Mauldin, and Guy R. Mauldin. Perimeters, Patterns, and Conjectures. Feb., 98-101, 107-8.
- Konold, Clifford. Teaching Probability through Modeling Real Problems. Apr., 232-35.
- Koss, Roberta, and Rick Marks. The Teacher and Evaluation. Nov., 614-17.
- Kouba, Vicky L. Self-Evaluation as an Act of Teaching. May, 354-58.
- Krulik, Stephen, and Jesse A. Rudnick. Creative Teaching Will Produce Creative Students. Sept., 415-18.
- Kuhs, Therese M. Portfolio Assessment: Making It Work for the First Time. May, 332-35.
- Lauten, Darien, and Joan Ferrini-Mundy. Learning about Calculus Learning. Feb., 115-21.
- Leacock, Stephen. Human Interest Put into Mathematics. Dec., 714-15.
- Leinwand, Steven. Four Teacher-Friendly Postulates for Thriving in a Sea of Change. Sept., 392-93.
- Lewis, Geoff. The Lost Trigonometry Class and the Hidden Treasure. Jan., 19-22.
- Lindquist, Mary M. Linking Yesterday to Tomorrow. Sept., 467-72.
- McClintock, Ruth. Animating Geometry Discussions with Flexigons. Nov., 602-6.
- McIntosh, Margaret E. Word Roots in Geometry. Oct., 510-15.
- McLachlan, Ian D., and David J. Ryan. A.I.M.S. in the Classroom. May, 364-70. *See also* Dec., 672.
- Manes, Michelle A. A Global Electronic Community. Nov., 650-51.

## AUTHOR INDEX

- Ajose, Sunday A. Problems, Patterns, and Recreations. Oct., 516-19.
- Allen, William E., and Arthur A. Hiatt. An Active Approach to Geometry. Dec., 702-3.
- Andersen, Edwin D., and Jim Nelson. An Introduction to the Concept of Slope. Jan., 27-30, 37-41.
- Anderson, Mark, Nancy Norem Powell, and Stanley Winterroth. Reflections on Miniature Golf. Oct., 490-95.
- Artzt, Alice F. Integrating Writing and Cooperative Learning in the Mathematics Class. Feb., 80-85.
- Asturias, Harold. Using Students' Portfolios to Assess Mathematical Understanding. Dec., 698-701.
- Ballew, Hunter. Sherlock Holmes, Master Problem Solver. Nov., 596-601.
- Bell, Max S. What Does "Everyman" Really Need from School Mathematics? Oct., 546-51.
- Berndes, Barry A., and James R. Rahn. Using Logarithms to Explore Power and Exponential Function. Mar., 161-70. *See also* Oct., 553.
- Boyes, G. R. Trigonometry for Non-Trigonometry Students. May, 372-75.
- Brandell, Joseph L. Helping Students Write Paragraph Proofs in Geometry. Oct., 498-502.
- Brunner, Carl E., and Regina Baron Brunner. How Much Does Camouflage Help? Dec., 676-81.
- Brunner, Regina Baron, and Carl E. Brunner. How Much Does Camouflage Help? Dec., 676-81.
- Buckhiester, Philip G. Probability, Problem Formulation, and Two-Player Games. Mar., 154-59.
- Callahan, Walter. Teaching Middle School Students with Diverse Cultural Backgrounds. Feb., 122-26.
- Casey, James. Using a Surface Triangle to Explore Curvature. Feb., 69-77.
- Choppin, Jeffrey M. Spiral through Recursion. Oct., 504-8. *See also* Oct., 488.
- Clarke, Doug, and Linda Wilson. Valuing What We See. Oct., 542-45.
- Clason, Robert G., and William A. Miller. Golden Triangles, Pentagons, and Pentagrams. May, 338-44, 350-53.
- Coes III, Loring. The Functions of a Toy Balloon. Nov., 619-22, 628-29.
- Craine, Timothy V. Counting Embedded Figures. Oct., 524-28, 538-41.
- Cunningham, Robert F. What Manufacturers Say about a Max/Min Application. Mar., 172-75.
- Cuoco, Albert A., E. Paul Goldenberg, and June Mark. A Potpourri. Oct., 566-69.
- . Technology in Perspective. Sept., 450-52.
- Dick, Thomas P., and Penelope H. Dunham. Research on Graphing Calculators. Sept., 440-45.
- Dickey, Edwin M. Join Our Eighty-Six-Year-Old Network. Sept., 394.
- Dunham, Penelope H., and Thomas P. Dick. Research on Graphing Calculators. Sept., 440-45.
- Dutch, Steven I. Folding  $n$ -pointed Stars and Snowflakes. Nov., 630-37.
- Eddins, Susan K., Evelyn Osman Maxwell, and Floramma Stanislaus. Geometric Transformations—Part 1. Mar., 177-81, 187-89.
- . Geometric Transformations—Part 2. Apr., 258-61, 268-70.
- Eisner, Gail A. Using Algebra in an Accounting Practice. Apr., 272-76.
- Fernandez, Maria L., Nelda Hadaway, and James W. Wilson. Problem Solving: Managing It All. Mar., 195-99.
- Ferrini-Mundy, Joan, and Loren Johnson. Recognizing and Recording Reform in Mathematics: New Questions, Many Answers. Mar., 190-93.
- Ferrini-Mundy, Joan, and Darien Lauten. Learning about Calculus Learning. Feb., 115-21.
- Floyd, Jeffrey K. A Discrete Analysis of "Final Jeopardy." May, 328-31.
- Flusser, Peter. More on Apportionment. Oct., 560-64.
- Forringer, Richard. If the Product of Two Numbers Is Zero . . . Feb., 89.
- Gadanidis, George. Deconstructing Constructivism. Feb., 91-97.
- Gates, James D. Report of the Executive Director. Sept., 473.
- Gau, Y. David, and Lindsay A. Tartre. The Sidesplitting Story of the Midpoint Polygon. Apr., 249-56.
- Germain-McCarthy, Yveline. Demystifying Polar Graphing. Dec., 728-35.
- Ginther, John L., and John L. Morgan. The Magic of Mathematics. Mar., 150-53.
- Goldberg, Kenneth P. Using Technology to Understand the Jury Decision-making Process. Feb., 110-14.
- Goldenberg, E. Paul, Albert A. Cuoco, and June Mark. A Potpourri. Oct., 566-69.
- . Technology in Perspective. Sept., 450-52.
- Goldstein, Mary Ann. A Review Game. May, 336-37.
- Greenwood, James. Copy That Homework. Mar., 171-72.
- Grouws, Douglas A. The Evaluation of Teaching: Challenge and Opportunity. Sept., 446-48.
- Hadaway, Nelda, Maria L. Fernandez, and James W. Wilson. Problem Solving: Managing It All. Mar., 195-99.
- Hansen, Will. Using Graphical Misrepresentation to Stimulate Student Interest. Mar., 202-5.
- Hiatt, Arthur A., and William E. Allen. An Active Approach to Geometry. Dec., 702-3.
- Hopley, Ronald B. Nested Platonic Solids: A Class Project in Solid Geometry. May, 312-18.
- Horak, Virginia M. Investigating Absolute-Value Equations with the Graphing Calculator. Jan., 9-11. *See also* Oct., 554-55.
- House, Peggy A. Let the Mathematics-Science Connection Break the Mold in Teacher Preparation. Apr., 289-93.
- . Mathematical Ties That Bind. Dec., 682-89.
- Hoyles, Celia, and Richard Noss. Dynamic Geometry Environments: What's the Point? Dec., 716-17.
- Hudson, Sandra L. Using Lined Paper to Make Discoveries. Apr., 246-47.
- Johnson, Loren, and Joan Ferrini-Mundy. Recognizing and Recording Reform in Mathematics: New Questions, Many Answers. Mar., 190-93.
- Jordan, Janette, and Peggy Tibbs. Career Posters. Sept., 410-11.
- Kalman, Richard. Future Classrooms: A Personal Vision. Oct., 486-87.
- Kincaid, Charlene, Deanna M. Mauldin, and Guy R. Mauldin. Perimeters, Patterns, and Conjectures. Feb., 98-101, 107-8.
- Konold, Clifford. Teaching Probability through Modeling Real Problems. Apr., 232-35.
- Koss, Roberta, and Rick Marks. The Teacher and Evaluation. Nov., 614-17.
- Kouba, Vicky L. Self-Evaluation as an Act of Teaching. May, 354-58.
- Krulik, Stephen, and Jesse A. Rudnick. Creative Teaching Will Produce Creative Students. Sept., 415-18.
- Kuhs, Therese M. Portfolio Assessment: Making It Work for the First Time. May, 332-35.
- Lauten, Darien, and Joan Ferrini-Mundy. Learning about Calculus Learning. Feb., 115-21.
- Leacock, Stephen. Human Interest Put into Mathematics. Dec., 714-15.
- Leinwand, Steven. Four Teacher-Friendly Postulates for Thriving in a Sea of Change. Sept., 392-93.
- Lewis, Geoff. The Lost Trigonometry Class and the Hidden Treasure. Jan., 19-22.
- Lindquist, Mary M. Linking Yesterday to Tomorrow. Sept., 467-72.
- McClintock, Ruth. Animating Geometry Discussions with Flexigons. Nov., 602-6.
- McIntosh, Margaret E. Word Roots in Geometry. Oct., 510-15.
- McLachlan, Ian D., and David J. Ryan. A.I.M.S. in the Classroom. May, 364-70. *See also* Dec., 672.
- Manes, Michelle A. A Global Electronic Community. Nov., 650-51.

- Mark, June, Albert A. Cuoco, and E. Paul Goldenberg. A Potpourri. Oct., 566-69.
- . Technology in Perspective. Sept., 450-52.
- Marks, Daniel. A Guide to More Sensible Word Problems. Nov., 610-11.
- Marks, Rick, and Roberta Koss. The Teacher and Evaluation. Nov., 614-17.
- Mauldin, Deanna M., Charlene Kincaid, and Guy R. Mauldin. Perimeters, Patterns, and Conjectures. Feb., 98-101, 107-8.
- Mauldin, Guy, Charlene Kincaid, and Deanna M. Mauldin. Perimeters, Patterns, and Conjectures. Feb., 98-101, 107-8.
- Maxwell, Evelyn Osman, Susan K. Eddins, and Floramma Stanislaus. Geometric Transformations—Part 1. Mar., 177-81, 187-89.
- . Geometric Transformations—Part 2. Apr., 258-61, 268-70.
- Metz, James. Seeing  $b$  in  $y = ax^2 + bx + c$ . Jan., 23-25. See also Oct., 556.
- Miller, William A., and Robert G. Clason. Golden Triangles, Pentagons, and Pentagrams. May, 338-44, 350-53.
- Moody, Mally. Trig Skits. Dec., 702.
- Morgan, John L., and John L. Ginther. The Magic of Mathematics. Mar., 150-53.
- Moskowitz, Stuart. Investigating Circles and Spirals with a Graphing Calculator. Apr., 240-43.
- Nelson, Jim, and Edwin D. Andersen. An Introduction to the Concept of Slope. Jan., 27-30, 37-41.
- Noss, Richard, and Celia Hoyles. Dynamic Geometry Environments: What's the Point? Dec., 716-17.
- Pacyga, Robert. Making Connections by Using Molecular Models in Geometry. Jan., 43-47. See also Mar., 149.
- Powell, Nancy Norem, Mark Anderson, and Stanley Winterroth. Reflections on Miniature Golf. Oct., 490-95.
- Rahn, James R., and Barry A. Berndes. Using Logarithms to Explore Power and Exponential Function. Mar., 161-70. See also Oct., 553.
- Riddle, Lawrence H. Introducing the Derivative through the Iteration of Linear Functions. May, 377-81. See also Sept., 480.
- Rosenthal, Jerome. The Converse of the Pythagorean Theorem. Dec., 692-93.
- Rudnick, Jesse A., and Stephen Krulik. Creative Teaching Will Produce Creative Students. Sept., 415-18.
- Ryan, David J., and Ian D. McLachlan. A.I.M.S. in the Classroom. May, 364-70. See also Dec., 672.
- Sandefur, James T. Using Similarity to Find Length and Area. May, 319-25. See also Oct., 488; Nov., 662.
- Schloemer, Cathy G. An Assessment Example. Jan., 18-19.
- Severson, Jean. The Real-Number Box. Oct., 522.
- Shelly, Barbara A., Patricia P. Tinto, and Nancy J. Zarach. Classroom Research and Classroom Practice: Blurring the Boundaries. Nov., 644-48.
- Shilgalis, Thomas W. Are Most Fractions Reduced? Apr., 236-38. See also Nov., 640, 660.
- Showalter, Millard E. Using Problems to Implement the NCTM's *Professional Teaching Standards*. Jan., 5-7. See also Oct., 488.
- Stallings-Roberts, Virginia. Exploratory Geometry—Let the Students Write the Text! Sept., 403-8.
- Stanislaus, Floramma, Susan K. Eddins, and Evelyn Osman Maxwell. Geometric Transformations—Part 1. Mar., 177-81, 187-89.
- . Geometric Transformations—Part 2. Apr., 258-61, 268-70.
- Stone, Michael E. Teaching Relationships between Area and Perimeter with The Geometer's Sketchpad. Nov., 590-94.
- Stover, Donald W. Can You Graph  $x^2 + xy = x^3 + y^3$ ? Jan., 51-53. See also Oct., 558.
- Tappin, Linda. Analyzing Data Relating to the Challenger Disaster. Sept., 423-26.
- Tartre, Lindsay A., and Y. David Gau. The Sidesplitting Story of the Midpoint Polygon. Apr., 249-56.
- Thompson, Betty B. Geometry and Poetry. Feb., 88.
- Tibbs, Peggy, and Janette Jordan. Career Posters. Sept., 410-11.
- Tinto, Patricia P., Barbara A. Shelly, and Nancy J. Zarach. Classroom Research and Classroom Practice: Blurring the Boundaries. Nov., 644-48.
- Toumasis, Charalampos. When Is a Quadrilateral a Parallelogram? Mar., 208-11. See also Oct., 580.
- Van Dyke, Frances. Relating to Graphs in Introductory Algebra. Sept., 427-32, 438-39.
- Vatter, Terry. Civic Mathematics: A Real-Life General Mathematics Course. Sept., 396-401.
- Waldner, Bruce C. Pi Day. Feb., 86-87. See also Oct., 488, 552.
- Walton, Karen Doyle. Albrecht Dürer's Renaissance Connections between Mathematics and Art. Apr., 278-82. See also Dec., 672, 674.
- Wheeler, Mary L. Check-Digit Schemes. Apr., 228-30.
- Wilson, James W., Maria L. Fernandez, and Nelda Hadaway. Problem Solving: Managing It All. Mar., 195-99.
- Wilson, Linda. What Gets Graded Is What Gets Valued. Sept., 412-14.
- Wilson, Linda, and Doug Clarke. Valuing What We See. Oct., 542-45.
- Winkel, Brian J. Ants, Tunnels, and Calculus: An Exercise in Mathematical Modeling. Apr., 284-87.
- Winterroth, Stanley, Mark Anderson, and Nancy Norem Powell. Reflections on Miniature Golf. Oct., 490-95.
- Woodward, Ernest, and Marilyn Woodward. Expected Value and the Wheel of Fortune Game. Jan., 13-17.
- Woodward, Marilyn, and Ernest Woodward. Expected Value and the Wheel of Fortune Game. Jan., 13-17.
- Zarach, Nancy J., Barbara A. Shelly, and Patricia P. Tinto. Classroom Research and Classroom Practice: Blurring the Boundaries. Nov., 644-48.

## SUBJECT INDEX

### Algebra

- Products, 460-61.
- Projects, 576-77.
- Publications, 55, 458, 654, 721-22.
- Reader Reflections, 62, 64 (see also Oct., 552), 68, 140 (see also Oct., 558, 579-80; Dec., 744-47), 142-43, 143-44 (see also Oct., 556, 580), 148, 214, 218 (see also Oct., 488), 220, 224, 299, 302 (see also Nov., 662), 304, 359-60, 488, 552-53, 556, 558, 579-80, 581-82, 587, 638-40, 660, 662, 664, 672, 674, 744-47.
- Analyzing Data Relating to the Challenger Disaster. Sept., 423-26.
- Can You Graph  $x^2 + xy = x^3 + y^3$ ? Jan., 51-53. See also Oct., 558.
- Check-Digit Schemes. Apr., 228-30.
- The Converse of the Pythagorean Theorem. Dec., 692-93.
- Creative Teaching Will Produce Creative Students. Sept., 415-18.
- The Functions of a Toy Balloon. Nov., 619-22, 628-29.
- If the Product of Two Numbers Is Zero .... Feb., 89.
- An Introduction to the Concept of Slope. Jan., 27-30, 37-42.
- Investigating Absolute-Value Equations with the Graphing Calculator. Jan., 9-11. See also Oct., 554-55.
- More on Apportionment. Oct., 560-64.
- Problems, Patterns, and Recreations. Oct., 516-19.
- The Real-Number Box. Oct., 522.
- Relating to Graphs in Introductory Algebra. Sept., 427-32, 438-39.
- Seeing  $b$  in  $y = ax^2 + bx + c$ . Jan., 23-25. See also Oct., 556.
- Spiral through Recursion. Oct., 504-8. See also Oct., 488.
- Using Algebra in an Accounting Practice. Apr., 272-76.
- Using Logarithms to Explore Power and Exponential Function. Mar., 161-70. See also Oct., 553.

### Applications

- Products, 461-62, 656.



- Publications, 132–33, 295, 296, 455, 574, 654–55, 655–56, 720.
- Reader Reflections, 4, 57, 59–60, 218, 299, 359, 664, 666.
- Analyzing Data Relating to the Challenger Disaster. Sept., 423–26.
- Ants, Tunnels, and Calculus: An Exercise in Mathematical Modeling. Apr., 284–87.
- Civic Mathematics: A Real-Life General Mathematics Course. Sept., 396–401.
- How Much Does Camouflage Help? Dec., 676–81.
- Making Connections by Using Molecular Models in Geometry. Jan., 43–47. *See also* Mar., 149.
- More on Apportionment. Oct., 560–64.
- Teaching Probability through Modeling Real Problems. Apr., 232–35.
- Using Algebra in an Accounting Practice. Apr., 272–76.
- Using Logarithms to Explore Power and Exponential Function. Mar., 161–70. *See also* Oct., 553.
- Using Technology to Understand the Jury Decision-making Process. Feb., 110–14.

### Arithmetic

- Publications, 574.
- Reader Reflections, 222, 224 (*see also* Oct., 580), 302, 360, 478, 488, 552, 581.
- Are Most Fractions Reduced? Apr., 236–38. *See also* Nov., 640, 660.
- Problems, Patterns, and Recreations. Oct., 516–19.

### Assessment

*See Tests.*

### Calculus

- Products, 724.
- Projects, 384.
- Publications, 455, 654, 722.
- Reader Reflections, 299, 480.
- Ants, Tunnels, and Calculus: An Exercise in Mathematical Modeling. Apr., 284–87.
- Introducing the Derivative through the Iteration of Linear Functions. May, 377–81. *See also* Sept., 480.
- Learning about Calculus Learning. Feb., 115–21.
- What Manufacturers Say about a Max/Min Application. Mar., 172–75.

### Computers and Calculators

- Products, 724, 725.
- Projects, 267, 298, 656, 658.
- Publications, 55, 130–31, 456, 458, 574.
- Reader Reflections, 148, 218 (*see also* Oct., 553), 299, 362, 479–80, 553, 554–55, 726, 743–44.
- Can You Graph  $x^5 + xy = x^3 + y^3$ ? Jan., 51–53. *See also* Oct., 558.
- Dynamic Geometry Environments: What's the Point? Dec., 716–17.
- A Global Electronic Community. Nov., 650–51.

- Investigating Absolute-Value Equations with the Graphing Calculator. Jan., 9–11. *See also* Oct., 554–55.
- Investigating Circles and Spirals with a Graphing Calculator. Apr., 240–43.
- A Potpourri. Oct., 566–69.
- Probability, Problem Formulation, and Two-Player Games. Mar., 154–59.
- Research on Graphing Calculators. Sept., 440–45.
- Teaching Probability through Modeling Real Problems. Apr., 232–35.
- Teaching Relationships between Area and Perimeter with The Geometer's Sketchpad. Nov., 590–94.
- Technology in Perspective. Sept., 450–52.
- TI-82 Graphics Calculator, Feb., 128–29.
- Using Graphical Misrepresentation to Stimulate Student Interest. Mar., 202–5.
- Using Logarithms to Explore Power and Exponential Function. Mar., 161–70. *See also* Oct., 553.
- Using Technology to Understand the Jury Decision-making Process. Feb., 110–14.

### Courseware

#### Algebra

- Algebra Lessons, Apple II, May, 382.
- Algebra Tutor, MS-DOS, Dec., 718.
- Algebra II, MS DOS, IBM compatible, Feb., 127.
- PC Graph, IBM compatible, Feb., 128.
- Tools of Mathematics: Algebra from MacNumerics II, Macintosh II or LC, Oct., 571.

#### Applications

- Exploring Chaos, Apple II series, Feb., 127.
- Midmath Presents Simulated Real-Life Experiences Using Classified Ads in the Classroom, Macintosh, Feb., 128.

#### Calculus

- Tools of Mathematics: Supplementary Topics from MacNumerics II, Macintosh II or LC, Feb., 129.

#### Games and Puzzles

- MindLink Problem Solver, Macintosh, Sept., 453.

#### Geometry

- AcroSpin and Geometry Files, IBM PC or compatible, Mar., 212.
- The Geometric superSupposer, Macintosh Plus, Feb., 127–28.
- Hypergeo: A Program for Investigating the Geometrical Properties of Four-Dimensional Hyperspace, IBM compatible, DOS 3.0 or higher, Sept., 453.

### Curriculum

- Calendars, 31–35 (*see also* Oct., 580–81), 103–6 (*see also* Oct., 581–82), 183–86 (*see also* Oct., 582; Dec., 747), 263–67 (*see also* Nov., 664, 666; Dec., 747), 345–49 (*see also* Nov., 666; Dec., 747), 433–37 (*see also* Dec., 747), 452, 529–30, 535–37, 623–27, 704–6, 711–13.

- Products, 298, 461, 576.
- Projects, 56 (*see also* Mar., 149), 212–14, 462, 464–65.
- Publications, 130, 296, 383, 458, 460, 572–73, 655, 720–21, 722, 723.
- Reader Reflections, 149, 214, 216, 218, 224, 310, 359, 474, 476, 552, 669, 672.
- Career Posters. Sept., 410–11.
- Civic Mathematics: A Real-Life General Mathematics Course. Sept., 396–401.
- Copy That Homework. Mar., 171–72.
- Four Teacher-Friendly Postulates for Thriving in a Sea of Change. Sept., 392–93.
- Human Interest Put into Mathematics. Dec., 714–15.
- Integrating Writing and Cooperative Learning in the Mathematics Class. Feb., 80–85.
- Media Clips. Sept., 420–22; Oct., 520–21; Nov., 612–13; Dec., 694–96.
- A Review Game. May, 336–37.
- Teaching Middle School Students with Diverse Cultural Backgrounds. Feb., 122–126.
- What Does "Everyman" Really Need from School Mathematics? Oct., 546–51.

### Games and Puzzles

- Products, 383–84, 462, 724.
- Publications, 132, 212, 295–96, 383, 454, 572.
- Reader Reflections, 59.
- A Discrete Analysis of "Final Jeopardy." May, 328–31.
- Expected Value and the Wheel of Fortune Game. Jan., 13–17.
- The Magic of Mathematics. Mar., 150–53.
- Probability, Problem Formulation, and Two-Player Games. Mar., 154–59.

### Geometry

- Products, 133–34 (*see also* May, 362), 298, 576, 724, 725.
- Projects, 134–35.
- Publications, 131–32, 296, 297–98, 458, 572, 573–74, 655, 720, 721.
- Reader Reflections, 64, 68, 140, 143, 149, 216, 218, 220 (*see also* Oct., 555), 222 (*see also* Oct., 552–53), 302, 304, 361–62, 474, 479–80, 482, 488, 555, 580–81, 586–87, 638, 662, 672, 674, 726, 743–44, 747.
- An Active Approach to Geometry. Dec., 702–3.
- Albrecht Dürer's Renaissance Connections between Mathematics and Art. Apr., 278–82. *See also* Dec., 672, 674.
- Animating Geometry Discussions with Flexigons. Nov., 602–6.
- Counting Embedded Figures. Oct., 524–28, 538–41.
- Dynamic Geometry Environments: What's the Point? Dec., 716–17.
- Exploratory Geometry—Let the Students Write the Text! Sept., 403–8.
- Folding  $n$ -pointed Stars and Snowflakes. Nov., 630–37.
- The Functions of a Toy Balloon. Nov., 619–22.

628–29.  
 Geometric Transformations—Part 1. Mar., 177–81, 187–89.  
 Geometric Transformations—Part 2. Apr., 258–61, 268–70.  
 Geometry and Poetry. Feb., 88.  
 A Global Electronic Community. Nov., 650–51.  
 Golden Triangles, Pentagons, and Pentagrams. May, 338–44, 350–53.  
 Helping Students Write Paragraph Proofs in Geometry. Oct., 498–502.  
 Investigating Circles and Spirals with a Graphing Calculator. Apr., 240–43.  
 Making Connections by Using Molecular Models in Geometry. Jan., 43–47. *See also* Mar., 149.  
 Nested Platonic Solids: A Class Project in Solid Geometry. May, 312–18.  
 Perimeters, Patterns, and Conjectures. Feb., 98–101, 107–8.  
 Pi Day. Feb., 86–87. *See also* Oct., 488, 552.  
 Reflections on Miniature Golf. Oct., 490–95.  
 The Sidesplitting Story of the Midpoint Polygon. Apr., 249–56.  
 Teaching Relationships between Area and Perimeter with The Geometer's Sketchpad. Nov., 590–94.  
 Technology in Perspective. Sept., 450–52.  
 Using Lined Paper to Make Discoveries. Apr., 246–47.  
 Using a Surface Triangle to Explore Curvature. Feb., 69–77.  
 Using Similarity to Find Length and Area. May, 319–25. *See also* Oct., 488; Nov., 662.  
 When Is a Quadrilateral a Parallelogram? Mar., 208–11. *See also* Oct., 580.  
 Word Roots in Geometry. Oct., 510–15.

### History

Publications, 55, 212, 297, 382–83, 455, 654, 720, 722–23.  
 Reader Reflections, 60, 68, 216, 218, 222.  
 Albrecht Dürer's Renaissance Connections between Mathematics and Art. Apr., 278–82. *See also* Dec., 672, 674.

### Mathematics in Other Countries

Products, 725.

### Measurement

Publications, 573.  
 Reader Reflections, 586.

### NCTM

#### Executive Director's Report

Report of the Executive Director. Sept., 473.

#### President's Message

Linking Yesterday to Tomorrow. Sept., 467–72.

### Number Theory

Publications, 460.  
 Reader Reflections, 4, 57, 59, 60, 64 (*see also* Oct., 552), 68, 140, 142, 143, 148–49, 218 (*see*

*also* Oct., 553), 224, 310, 359, 361, 362, 474, 582, 587, 638, 664, 666, 669, 747, 748.

### Opinions and Philosophies

Four Teacher-Friendly Postulates for Thriving in a Sea of Change. Sept., 392–93.  
 Future Classrooms: A Personal Vision. Oct., 486–87.  
 Join Our Eighty-Six-Year-Old Network. Sept., 394.

### Probability

Publications, 132, 571–72, 720.  
 Reader Reflections, 4, 142, 389, 474, 476, 582, 640, 660, 664.  
 Are Most Fractions Reduced? Apr., 236–38. *See also* Nov., 640, 660.  
 Probability, Problem Formulation, and Two-Player Games. Mar., 154–59.  
 Teaching Probability through Modeling Real Problems. Apr., 232–35.

### Problem Solving

Products, 460.  
 Publications, 55, 454, 573, 655.  
 A.I.M.S. in the Classroom. May, 364–70. *See also* Dec., 672.  
 A Guide to More Sensible Word Problems. Nov., 610–11.  
 Sherlock Holmes, Master Problem Solver. Nov., 596–601.  
 Using Problems to Implement the NCTM's *Professional Teaching Standards*. Jan., 5–7. *See also* Oct., 488.

### Statistics

Projects, 134–35.  
 Publications, 296–97, 382, 454–55, 572.  
 Expected Value and the Wheel of Fortune Game. Jan., 13–17.  
 How Much Does Camouflage Help? Dec., 676–81.  
 Mathematical Ties That Bind. Dec., 682–89.

### Teacher Education

Projects, 725–26.  
 Publications, 130, 132, 295, 454, 455–56, 458, 723.  
 Classroom Research and Classroom Practice: Blurring the Boundaries. Nov., 644–48.  
 Deconstructing Constructivism. Feb., 91–97.  
 The Evaluation of Teaching: Challenge and Opportunity. Sept., 446–48.  
 Learning about Calculus Learning. Feb., 115–21.  
 Let the Mathematics-Science Connection Break the Mold in Teacher Preparation. Apr., 289–93.  
 Problem Solving: Managing It All. Mar., 195–99.  
 Recognizing and Recording Reform in Mathematics: New Questions, Many Answers. Mar., 190–93.

Research on Graphing Calculators. Sept., 440–45.  
 Self-Evaluation as an Act of Teaching. May, 354–58.  
 The Teacher and Evaluation. Nov., 614–17.  
 Teaching Middle School Students with Diverse Cultural Backgrounds. Feb., 122–26.  
 Teaching Probability through Modeling Real Problems. Apr., 232–35.  
 Using Problems to Implement the NCTM's *Professional Teaching Standards*. Jan., 5–7. *See also* Oct., 488.  
 Valuing What We See. Oct., 542–45.

### Tests

Publications, 134, 654, 718, 720.  
 Reader Reflections, 553–54.  
 An Assessment Example. Jan., 18–19.  
 Portfolio Assessment: Making It Work for the First Time. May, 332–35.  
 Using Students' Portfolios to Assess Mathematical Understanding. Dec., 698–701.  
 Valuing What We See. Oct., 542–45.  
 What Gets Graded Is What Gets Valued. Sept., 412–14.

### Trigonometry

Reader Reflections, 60, 62, 227, 360–61, 478–79, 480, 638, 662, 664, 666.  
 Demystifying Polar Graphing. Dec., 728–35.  
 The Lost Trigonometry Class and the Hidden Treasure. Jan., 19–22.  
 Trigonometry for Non-Trigonometry Students. May, 372–75.  
 Trig Skits. Dec., 702.  
 Using Graphical Misrepresentation to Stimulate Student Interest. Mar., 202–5.

### Worksheets

Counting Embedded Figures. Oct., 524–28, 538–41.  
 Deconstructing Constructivism. Feb., 91–97.  
 Folding  $n$ -pointed Stars and Snowflakes. Nov., 630–37.  
 The Functions of a Toy Balloon. Nov., 619–22, 628–29.  
 Geometric Transformations—Part 1. Mar., 177–81, 187–89.  
 Geometric Transformations—Part 2. Apr., 258–61, 268–70.  
 Golden Triangles, Pentagons, and Pentagrams. May, 338–44, 350–53.  
 An Introduction to the Concept of Slope. Jan., 27–30, 37–42.  
 Perimeters, Patterns, and Conjectures. Feb., 98–101, 107–8.  
 Relating to Graphs in Introductory Algebra. Sept., 427–32, 438–39.  
 Using a Surface Triangle to Explore Curvature. Feb., 69–77.  
 Using Logarithms to Explore Power and Exponential Function. Mar., 161–70. *See also* Oct., 553. ☐